

## EAST Search History

| Ref # | Hits | Search Query                                       | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1    | 780  | 362/96.ccls.                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L2    | 344  | 362/192.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L3    | 674  | 362/101.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L4    | 1052 | 362/231.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L5    | 337  | 362/318.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L6    | 2118 | 362/800.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L7    | 638  | 290/54.ccls.                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L8    | 194  | 4/597.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L9    | 190  | 4/596.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:51 |
| L10   | 14   | (L1 L2 L3 L4 L5 L6 L7 L8 L9) and<br>@ad>"20070101" | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:54 |
| L11   | 2    | ("4,749,126" "7,178,746").pn.                      | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/09/12 22:55 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S87 | 66 | (US-20030147238-\$ or<br>US-20040250851-\$ or<br>US-20040251323-\$ or<br>US-20040258567-\$ or<br>US-20030165063-\$).did. or<br>(US-5316216-\$ or US-6637676-\$ or<br>US-6781329-\$ or US-5228964-\$ or<br>US-5467927-\$ or US-4731545-\$ or<br>US-6588913-\$ or US-4191332-\$ or<br>US-4330089-\$ or US-3581998-\$ or<br>US-4749126-\$ or US-5267129-\$ or<br>US-6885114-\$ or US-6715699-\$ or<br>US-1982315-\$ or US-1669055-\$ or<br>US-5873647-\$ or US-5969429-\$ or<br>US-6513735-\$ or US-6983898-\$ or<br>US-6805458-\$ or US-4564889-\$ or<br>US-5199639-\$ or US-5140254-\$ or<br>US-3845291-\$ or US-6869204-\$).<br>did. or (US-6906466-\$ or<br>US-2068757-\$ or US-4901922-\$ or<br>US-6086214-\$ or US-6126290-\$ or<br>US-3906983-\$ or US-4920465-\$ or<br>US-4339833-\$ or US-5927332-\$ or<br>US-6242819-\$ or US-5793130-\$ or<br>US-4707338-\$ or US-4740711-\$ or<br>US-2883114-\$ or US-5359500-\$ or<br>US-6619823-\$ or US-6923552-\$ or<br>US-5675846-\$ or US-5823431-\$ or<br>US-3924808-\$ or US-4854499-\$ or<br>US-6036333-\$ or US-4616298-\$ or<br>US-6021960-\$ or US-3162367-\$ or<br>US-3964686-\$ or US-4290091-\$).<br>did. or (US-4936508-\$ or<br>US-5975434-\$ or US-6798080-\$).<br>did. or (US-2068757-\$ or<br>US-2448792-\$ or US-2877052-\$ or<br>US-1669055-\$ or US-2593517-\$).<br>did. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/09/12 17:41 |
| S88 | 20 | S87 and (translu\$4 transpa\$4)  | US-PGPUB;<br>USPAT           | OR | ON | 2007/09/12 17:42 |
| S89 | 7  | ("20020158153"   "4975811"  <br>"5823431"   "6021960"   "6126290"<br>  "6439472"   "6644561").PN. OR<br>("6983898").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/09/12 17:49 |
| S90 | 32 | ("3845291"   "3864547").PN. OR<br>("4564889").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/09/12 17:52 |
| S91 | 13 | ("1818319"   "20020158153"  <br>"4564889"   "4616298"   "5165777"<br>  "5207499"   "6021960"  <br>"6126290"   "6439472"   "6607144"<br>  "6637676"   "6644561").PN. OR<br>("7178746").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/09/12 17:56 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S92 | 1  | "20040258567".pn.  | US-PGPUB;<br>USPAT           | OR | ON | 2007/09/12 18:06 |
| S93 | 72 | (US-20030147238-\$ or<br>US-20040250851-\$ or<br>US-20040251323-\$ or<br>US-20040258567-\$ or<br>US-20030165063-\$).did. or<br>(US-5316216-\$ or US-6637676-\$ or<br>US-6781329-\$ or US-5228964-\$ or<br>US-5467927-\$ or US-4731545-\$ or<br>US-6588913-\$ or US-4191332-\$ or<br>US-4330089-\$ or US-3581998-\$ or<br>US-4749126-\$ or US-5267129-\$ or<br>US-6885114-\$ or US-6715699-\$ or<br>US-1982315-\$ or US-1669055-\$ or<br>US-5873647-\$ or US-5969429-\$ or<br>US-6513735-\$ or US-6983898-\$ or<br>US-6805458-\$ or US-4564889-\$ or<br>US-5199639-\$ or US-5140254-\$ or<br>US-3845291-\$ or US-6869204-\$).<br>did. or (US-6906466-\$ or<br>US-2068757-\$ or US-4901922-\$ or<br>US-6086214-\$ or US-6126290-\$ or<br>US-3906983-\$ or US-4920465-\$ or<br>US-4339833-\$ or US-5927332-\$ or<br>US-6242819-\$ or US-5793130-\$ or<br>US-4707338-\$ or US-4740711-\$ or<br>US-2883114-\$ or US-5359500-\$ or<br>US-6619823-\$ or US-6923552-\$ or<br>US-5675846-\$ or US-5823431-\$ or<br>US-3924808-\$ or US-4854499-\$ or<br>US-6036333-\$ or US-4616298-\$ or<br>US-6021960-\$ or US-3162367-\$ or<br>US-3964686-\$ or US-4290091-\$).<br>did. or (US-4936508-\$ or<br>US-5975434-\$ or US-6798080-\$ or<br>US-6439472-\$ or US-7067936-\$ or<br>US-7178746-\$ or US-5165777-\$ or<br>US-6644561-\$).did. or<br>(US-2068757-\$ or US-2448792-\$ or<br>US-2877052-\$ or US-1669055-\$ or<br>US-2593517-\$ or US-1818319-\$).<br>did. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/09/12 21:37 |
| S94 | 0  | S93 and showerhead near5<br>(transl\$4 transp\$4)  | US-PGPUB;<br>USPAT           | OR | ON | 2007/09/12 21:37 |
| S95 | 24 | showerhead near5 (transl\$4<br>transp\$4)  | US-PGPUB;<br>USPAT           | OR | ON | 2007/09/12 21:37 |